

Anisotropic Behavior of Prestrained Sheet Steels  
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JAPANESE, par, Tetsu-to-Hagane, Vol 55, Jan 1969,  
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BISI 7499

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Oxygen Converter/DM (duo vortical Mixing)  
Steelmaking. By K. Marita, et al.  
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Jan. 1969, pp. 59-68  
DISI 7647

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Oxide Inclusions in Aluminum-Deoxidized  
18-8 Stainless Steel, by T. Fukuyama,  
K. Segawa.  
JAPANESE, per, Tetsu to Hagane, Vol 55,  
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HB 7756

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The Change of Properties of the Charge Materials  
in a Blast Furnace Shaft, by T. Nakazawa and  
M. Sanaki,  
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Effect of Zinc Crystal Orientation of the  
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A Study on the Determination of Low Contents of  
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Determination of Mn, Cu, Ni, Cr, Mo, V, Ti and  
Al in Steel by Atomic Absorption Sepctro-  
photometry, by Y. Endo.

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Effect of Decarburants on the Machinability of  
Steel, by T. Araki and S. Yamamoto,  
JAPANESE, per. Tetsu-to-Hagane, Vol 55, No 3, 1969.  
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Rapid Determination of Nitrogen in Steel by Fusion  
with an Oxidizing Agent and Measurement of Thermal  
Conductivity, by S. Sato and K. Tate,  
JAPANESE, per. Tetsu-to-Hagane, Vol 55, No 3, 1969.  
HB 8105

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Some Views About Properties of the Interior of 20-ton  
Ton Carbon Steel Ingots, by K. Marita,  
JAPANESE, par. Toku-to-Kagaku, Vol 55, No 3, 1969.  
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Mechanism of Deoxidation [of Liquid Iron] with  
Silicon and Formation of Silica Inclusions  
During Solidification, by T. Sasai, et al.  
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Effect of Rotary Vibration on the Solidification  
Structure of (Steel) Ingots, by Y. Sakamoto, et al,  
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HB 7852

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Method of Cooling Basic Oxygen Furnace Lances and  
Their Nozzles, by K. Kunioka, T. Tada.  
JAPANESE, per, Tetsu-to-Hagane, Vol 55, 1969,  
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HB 7881

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Installation of an Auxiliary Lance on the Basic  
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Effect of Lance Height in Basic Oxygen  
Furnace Blowing, Part IV of 'A Study of  
BOF Blowing', by K. Akamatsu,  
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No 3, 1969, paper 90, p S 90.  
HB 7886

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Apparatus for the Measurement of Slooping  
and its Application in the Basic Oxygen  
Furnace, by K. Kunioka,  
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HB 7894

Sci/Mat  
Sep 70

Automatic Charging of Addition Materials  
in the Basic Oxygen Furnace, by  
Y. Shimazaki,  
JAPANESE, per. Tetsu-to-Hagane, Vol 55,  
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Sci/Mat  
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On the Desulfurization Reaction During the Refining  
of Stainless Steel (In the Arc Furnace), Part I.

by T. Fukuyama, et al.

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HB 7924

Sci-Mat

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Injection of Inert Gases into Alloy Steel Baths,  
by Y. Sasajima,  
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HB 8010

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Mechanism of Formation of Macroscopic Inclusions  
in Killed Steel. 5. The Freezing Process of Killed  
Steel, by E. Nomura.

JAPANESE, per, Tetsu-to-Hagane, Vol 55, No 3,  
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sci-mat  
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The Effect of Dolomite in the Basic Oxygen LD  
Process, Part I of Viscosity of BOF LD Slag and  
Improved Desulfurization by Addition of MgO,  
by Y. Owada,  
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Sci/Mat  
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Influence of the Line quality upon the Basic  
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sci/materials  
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Effect of Small Amounts on Carbon and Nitrogen and  
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HB 8009

Sci/Mat  
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High-Silicon Stainless Cast Steel,  
by K. Ohta,  
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HB 8008

Sci/Mat  
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Mechanical Properties of Nitrogen-Alloyed  
0.03% C, 17% Cr, 14% Ni, 2.5% Mo Stainless  
Steel, by K. Yokota,  
JAPANESE, per. Tetsu-to-Hagane, Vol 55,  
No 3, 1969, Lecture 242, p S 242.  
HB 7874

Sci/Mat  
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Effect of Ti-Cr-V and Ti-Cr-B upon the Creep  
Rupture Strength of Austenitic 18% Cr, 6% Ni,  
18% Mn Steel, by K. Kinoshita, et al.  
JAPANESE, per, Tetsu to Hagane, Vol 55, No 3,  
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feb 70

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Impact Properties of Stainless Clad Steels,  
Part VI of 'A Study of Steel for Nuclear  
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HB 8013

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Effect of Duplex Grains on the Low-Temperature  
Impact Strength [of Steel], by T. Nonamoto,  
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sci/materials

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Particle-Testing Device for Square-Section Billets,  
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BISI 7590

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The Infrared Camera and Its Application to the  
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JAPANESE, per. Tetsu-to-Hagane, Vol 55, May ,  
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sci/ materials  
nov 69

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Study of Mineralogical and Metallurgical Properties  
of Synthetic Calcium Ferrite, by K. Kojima, et al.  
JAPANESE, per, Tetsu-to-Hagane, Vol 55, July 1969,  
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Kinetic Study of Heterogeneous Reactions at  
Elevated Temperature, by K. Goto,  
JAPANESE, per. Tetsu-to-Hagane, Vol 55, Oct.,  
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Differential Thermal Analysis of Nonmetallic  
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Inclusions Using Synthetic Oxides, by T. Shiraiwa,  
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Under a High-Pressure Argon Atmosphere, Part VIII  
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Reduction Mechanism of Iron-Ore Pellets Containing  
Solid Reductants, Part V of Study of Pre-Reduced  
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Note on the Advantages of Large Blast Furnaces,  
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HB 8057

Sci/Mat  
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Softening of Reduced Pallets Under Load,  
by T. Yagi,  
JAPANESE, per. Tetsu-to-Hagane, Vol 55, No 11, 1969,  
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HB 8056

Sci/Mat  
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Effect of Suction on the Hot Strength of Iron-Ore  
Sinter, by H. Soma, M. Kiroshita.

JAPANESE, par, Tetsu-to-Hagane, Vol 55, No 11,  
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HB 8053

Sci-Mat  
June 70



Development of a New Process for the Ignition of  
Sinter Mixes and Its Application, by A. Shigemo,  
et al.

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HB 8092

Sci-Mat  
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Part I., by A. Morita, et al.  
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Sci-Mat  
June 70

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by S. Kobayashi,  
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Sci/Mat  
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by Oxy-Fuel Blowing, by S. Yamamoto, K. Shiro.  
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Sci-Mat  
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N. Ishiguro, N. Okubo,  
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Sci-Mat  
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Continuous Casting, by E. Kaito, et al.  
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H. Nakagawa,  
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Sci/Mat  
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Refractories for Sliding Nozzles [on Teeming  
Ladles]. Part II of Development of a Sliding  
Nozzle [for Teeming Ladles].., by H. Ohniwa,  
and K. Hirabushi,  
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A Model Experiment on Teeming Stream Turbulence,  
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[for Teeming Ladles]., by M. Urabe,  
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Behavior of Oxygen and Oxide Inclusions During D-H  
Degassing of Steel, by K. Narita,  
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Sci/Mat  
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Internal Structure of Stainless Steel Ingots Contain-  
ing Different Amounts of Nitrogen, Part I of Study  
of the Solidification of High Alloy Steels,  
by S. Maekawa,  
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Sci/Mat  
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Primary Crystals in Stainless Steel Ingots,  
Part II of 'Study of the Solidification of  
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HB 8110

Sci/Mat  
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Effect of Sulfur on the Solidification of  
Rimming Steel, by M. Doi,  
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Sci/Mat  
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Sci/Mat  
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and Mechanism of Formation of Oxide Inclusions,  
by K. Sano,  
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Sci/Mat  
May 70



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in Bottom-Poured Plain Carbon Steel, by  
H. Nagayama.  
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HB 8285

Sci/Mat  
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Behavior of Oxide Inclusions in Top-  
Poured Low-Alloy Steel During Steelmaking,  
Part VII, of Mineral-Chemical Studies of  
Oxide Inclusions in Steel, by H. Nagayama,  
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Sci/Mat  
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Effect of Nitrogen on the Properties of  
Cold Work Die Steels, by K. Kusaka,  
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HB 8167

Sci/Mat  
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Effect of Sulfur on the Fatigue Life of  
Bearing Steels, by T. Arakawa ,  
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HB 8215

Sci/Mat  
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Creep Rupture Properties of 18% Si, 8% Ni,  
18% Cr, 10% Ni, Ti, and 16% Cr, 13% Ni,  
3% Mo Steel for Boiler Tubes, by  
S. Yoshida,  
JAPANESE, per. Tetsu-to-Hagane Vol 55,  
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HB 7791

Sci/Mat  
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Rapture Strength of Type 304 Stainless Steel, by  
T. Shinoda, R. Tanaka.  
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Sci-Mat  
June 70

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Properties of Type 316 Stainless Steel,  
by T. Furuta,  
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Sci/Mat  
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Effect of Precipitation Hardening on the  
High-Temperature Strength of 18% Cr, 12%  
Ni, 3% Mo Nitrogen-Alloyed Steel,  
by Y. Kawabe and R. Nakagawa,  
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HB 8214

Sci/Mat  
Sep 70



Effect of Very Small Amounts of Titanium  
and Columbium Upon the Creep Rupture  
Strength of Austenitic High-Alloy Steels,  
by T. Mimino,  
JAPANESE, per. Tetsu-to-Hagane, Vol 55,  
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HB 8213

Sci/Mat  
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Effects of Characteristics of Supersonic Jet  
in the Operations of Oxygen Top Blowing Con-  
verter, by S. Ito and I. Much,  
JAPANESE, per. Tetsu-to-Hagane, Vol 55, Nov.,  
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BISI 8664

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by K. Sugahara and K. Sato,  
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BISI

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Absorption Rates of Blown Bubbles in Molten  
Metal, by K. Mori,  
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Determination of Sulphides in Steel by the  
Electrolysis is Method, by S. Maekawa and  
Y. Shiga,  
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H. Hara

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HD 8123 1969-1973

sci/materials  
feb 70

402,728 729

Box # 7

Box # 7

Box # 7

Effect of Austenite Grain Size and Forging  
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